

SUB
AS 7

~~Abstract of the Disclosure~~

2.1 In generating asymmetrical cryptokeys in the handwriting of the user, signature and encryption keys are necessary, and in personalizing and certifying, reliable connections to a Trust Center are necessary. If users wish to generate their own keys, particularly cryptokeys, security problems arise.

2.2 Problems of this type are reduced by a method in which the user first receives from the Trust Center a generated, personalized, and certified key pair as well as components for producing encryption pairs. The user at any time himself produces an encryption key pair, marks the public part of this pair using the secret signature key relinquished to him, and transmits the result to the Trust Center, where the result is assigned to the user using the certified public part of the signature key pair.

2.3 The area of application of the invention includes all forms of asymmetrical cryptological methods: essentially, ATM cards/bank transactions, access controls to networks/databases, entry ~~controls to buildings/rooms, digital signatures, digital IDs/patient cards.~~

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